

401731

ORIGINAL
(Red)

EPA-REGION III

INTERNAL REVIEW/APPROVAL OF
POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION PROGRAM DOCUMENTS

NAME OF SITE

: Bishop Tube Company

SITE LOCATION

: Frazer, Chester Co., PA

EPA (REG-III) SITE NUMBER

: (PA-568)

DOCUMENT-TITLE/AUTHOR/DATE:

SI - NUS - 4/18/85

TOD NUMBER (IF APPLICABLE):

F3-8405-15

REVIEWER (NAME & TITLE)

PLEASE REVIEW BY

SIGNATURE

DATE

(b) (4)

5/22/855/22/855/29/85WGB5/29/85

4. _____

5. _____

6. _____

7. _____

8. _____

NOTES:

PLEASE WRITE YOUR COMMENTS ONLY ON AN ATTACHED SHEET, NOT ON THE DOCUMENT.IF YOU ARE UNABLE TO REVIEW THE DOCUMENT AND PROVIDE COMMENTS BY THE SPECIFIED
DATE, PLEASE NOTIFY _____ (PHONE).

PLEASE SIGN ONLY WHEN THE DOCUMENT IS APPROVABLE BY YOU.

PLEASE RETURN THE DOCUMENT WITH YOUR COMMENTS TO _____

(b) (4)

ORIGINAL
(Red)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: The Toxicological Assessment of the Bishop
Tube Company Site Investigation Report

DATE: MAY 24 1985

FROM: Dick Brunker, Toxicologist
Site Investigation and Support (3HW23) *KB*

TO: Laura Boornazian, Environmental Scientist
Site Investigation and Support (3HW23)

This is a well organized, concisely written, current, and complete evaluation of the hazards and possible risks from contaminants from this toxic site. The limiting of chemical assays to only volatile contaminants seemed reasonable and adequate considering the history and overall description of the site and its usage. This allowed for a concentration of efforts on the hazards to the groundwater from volatile contaminating organics which would, in any case, be the major and probably the only, cause of concern.

A short description of these substances and their mobilities, mobility indices (MI), adsorptive coefficients, and any other factors related to the movement of these substances into the aquifer and down the watershed would probably be of some value to the understanding of these hazards since most of the cited contaminants are fairly mobile.

It would probably have been useful to point out that some of the cited contaminants such as trans-1,2-dichloroethylene, vinyl chloride, 1,1-dichloroethane, and 1,1-dichloroethene are likely to be breakdown products of trichloroethylene (TCE) and 1,1,1-trichloroethane (1). Such data in this file becomes particularly useful when, at a later date, the CERCLA enforcement group must assess particular contaminants to potential responsible parties.

The foregoing statements are presented in an effort to suggest how these assessments could be modified to become more useful to individuals who will become concerned with future developments at this site and not an indication of any significant shortcoming in the assessment of possible hazards from the cited contaminants.

It was also noted that the data utilized in this assessment were current and accurate. The citations were appropriate, complete, and correctly applied. The List of Sources was correctly written and complete.

ORIGINAL
(Re)

Citation

(1) Cline and Viste, Migration and Degradation Patterns of Volatile Organic Compounds, the Fifth National Conference on the Management of Uncontrolled Hazardous Waste Sites. Washington D.C., 1984.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
6TH AND WALNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

ORIGINAL
(Red)

INTERNAL REVIEW/APPROVAL OF
POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION PROGRAM DOCUMENTS

NAME OF SITE Bishop Tube Company
SITE LOCATION Frazer, PA
EPA (DSN) NUMBER PA-568
DOCUMENT TITLE Site Inspection of Bishop Tube Co
DOCUMENT AUTHOR/DATA NUS
TDD NUMBER 8405-15

Reviewer (Name & Title)	Date to be Completed	Signature & Date
(b) (4)		

Please sign only when the document is approvable by you, and return the document to Laura Boornazian.

COMMENTS

ORIGINAL
(Red)

April 18, 1985
R-585-11-4-16
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19106

Subject: Draft Report
TDD No. F3-8405-15
Bishop Tube Company
Frazer, Pennsylvania

Dear Mr. Byer:

Submitted herewith is a draft Site Inspection report for the subject project.

Based on our review of available data, we have concluded that EPA should consider the following:

- o The 1 known domestic well and any others which may be identified in the vicinity of the site should be sampled for priority pollutants.
- o As the results for the downstream sample were considered questionable by the quality assurance review, a resampling of the stream should be conducted.
- o A monitoring program for priority pollutants in the on-site wells should be developed and implemented. Based on the information obtained from the program, the groundwater situation at the site should be evaluated and corrective actions should be taken.
- o The source of contamination in the swale should be identified and remedied.

Mr. Harold Byer
U.S. Environmental Protection Agency
April 18, 1985 - Page 2
Draft Site Inspection Report

**ORIGINAL
(Red)**

The Bishop Tube Company is located in Frazer, in the southeastern portion of Pennsylvania. The site consists of 2 areas which were used for the disposal of plant wastes. The areas of disposal consisted of a cesspool and an unlined pit. In 1979, when disposal in these areas was stopped, the areas were packed with lime and sealed with cement. During the FIT III site inspection, 4 on-site monitoring wells were sampled along with some surface waters. All of the samples were run for VOA analysis, only.

If you have any questions, please contact me.

Respectfully submitted,

Reviewed by,

Approved by,

(b) (4)

Environ. Technician

Assistant Manager

Manager, FIT III

CM/bs